

Converting Colors

YUV(174.5350, 8.1172,
-83.7842)

Have a look what the booklet for
YUV(174.5350, 8.1172, -83.7842)
contains.

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Color

**YUV(174.5350, 8.1172,
-83.7842)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDCBF
RGB	79, 220, 191
RGB Percent	31%, 86%, 75%
CMY	0.6902, 0.1373, 0.2510
CMYK	0.64, 0.00, 0.13, 0.14
HSL	168°, 67%, 59%
HSV	168°, 64%, 86%
XYZ	38.2216, 56.6103, 58.2026
YIQ	174.5350, -74.7270, -38.9110

Conversions

Conversions Part 2

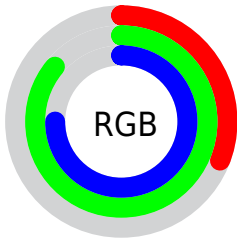
Format	Color
RYB	79, 158, 220
Decimal	5233855
CIELab	79.96, -44.56, 3.13
CIELCh	80, 44.673, 175.978
Yxy	56.6103, 0.2498, 0.3699
Android (android.graphics.Color)	4283423935 (0xFF4FDCBF)
YUV	174.5350, 8.1172, -83.7842
Hunter-Lab	75.2398, -40.9921, 6.8034

Details

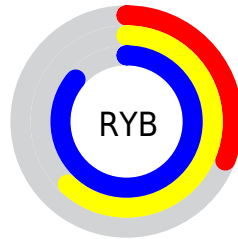
The YUV color **174.5350, 8.1172, -83.7842** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **124.4650, -8.1172, 83.7842**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3010, 13.1626, -68.6700**, and **112.0000, 12.8180, -98.2240** is the 20% darker color. If you saturate the color by 10%, you get **167.3870, 9.1762, -96.8094**, and if you desaturate by 10%, it is **181.6830, 7.0583, -70.7590**.

Distribution



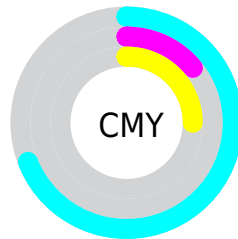
- Red (31%)
- Green (86%)
- Blue (75%)



- Red (31%)
- Yellow (62%)
- Blue (86%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (69%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5350, 8.1172, -83.7842 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 174.5350, 8.1172, -83.7842 by changing the saturation by 10% instead.

■ 174.5350, 8.1172,
-83.7842

■ 174.5350, 8.1172,
-83.7842

255.0000, 0.0000,
0.0000

■ 143.0610, 10.3229,
-91.2615

■ 220.3010, 13.1626,
-68.6700

■ 112.0000, 12.8180,
-98.2240

■ 230.4820, 12.0874,
-50.4117

■ 93.1870, 9.2748,
-81.7250

■ 239.4520, 7.6652,
-31.9684

■ 75.1890, 6.3158,
-65.9408

■ 248.4220, 3.2430,
-13.5251

■ 57.8920, 3.5042,
-50.7713

■ 40.7090, 1.1295,
-35.7018

■ 25.9880, -1.9661,

-22.7915

■ 0.0000, 0.0000,
0.0000

■ 174.5350, 8.1172,
-83.7842

■ 174.5350, 8.1172,
-83.7842

■ 167.3870, 9.1762,
-96.8094

■ 181.6830, 7.0583,
-70.7590

■ 160.3530, 10.6720,
-109.9346

■ 188.7170, 5.5625,
-57.6338

■ 153.2050, 11.7309,
-122.9598

■ 195.8650, 4.5036,
-44.6086

■ 149.0900, 12.7736,
-130.7519

■ 202.8990, 3.0078,
-31.4834

■ 210.0470, 1.9488,
-18.4582

■ 217.0810, 0.4531,
-5.3330

■ 224.2290, -0.6059,
7.6922

■ 231.2630, -2.1017,
20.8173

■ 231.8330, 0.0823,
20.3175

Harmonies

Analogous

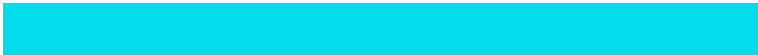
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.4530, -17.4783, -40.7393



174.5350, 8.1172, -83.7842



155.7020, 38.1079, -136.5507

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174.5350, 8.1172, -83.7842



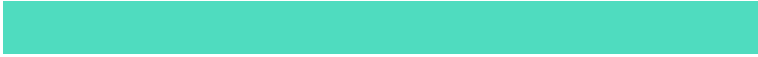
198.9050, 27.6548, -3.4247



196.1380, -32.6060, 51.6220

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



174.5350, 8.1172, -83.7842



124.4650, -8.1172, 83.7842

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



193.5570, -14.5716, 53.8855



174.5350, 8.1172, -83.7842



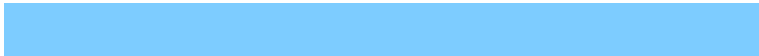
203.9100, 20.2574, 36.0359

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.5350, 8.1172, -83.7842



186.1930, 33.9219, -53.6663



197.1710, 4.3527, 50.7160



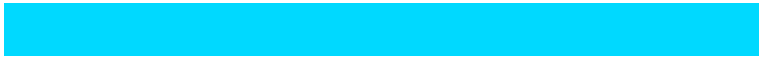
195.6440, -40.2505, 30.1302

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.5350, 8.1172, -83.7842



156.4490, 48.5856, -137.2058



197.1710, 4.3527, 50.7160



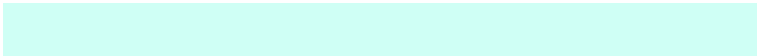
194.9300, -27.0805, 52.6814

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174.5350, 8.1172, -83.7842



239.5080, 2.7076, -28.5095



171.0360, -45.3737, -53.5286



118.2320, 1.3646, -17.7435



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.5350, 8.1172, -83.7842



191.8360, 11.4199, -116.4972



154.3610, 32.3600, -66.0916



106.3690, 0.3111, -6.4626



117.2830, 10.2135, -102.8572



31.1060, 2.4127, -27.2800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



124.4650, -8.1172, 83.7842



122.1640, -11.4199, 116.4972



144.6390, -32.3600, 66.0916



102.5170, -0.7479, 6.5626



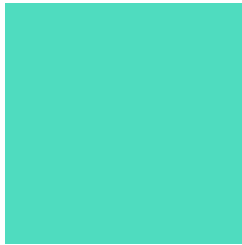
55.8310, -9.7767, 102.7572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 174.5350, 8.1172, -83.7842 looks on a white background.

Color Contrast Check

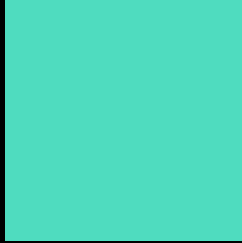
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 174.5350, 8.1172, -83.7842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

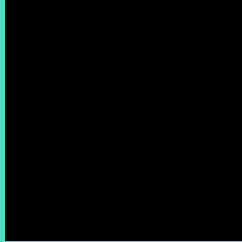
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

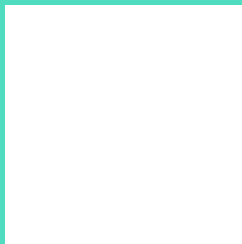
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.5350, 8.1172, -83.7842 Background



This preview shows how black text looks on a background with the YUV color 174.5350, 8.1172, -83.7842.



This preview shows how white text looks on a background with the YUV color 174.5350, 8.1172, -83.7842.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

174.5350, 8.1172, -83.7842

Protanopia

196.6390, -9.1890, 7.3326

Deuteranopia

198.2730, -0.6276, 14.6696



Tritanopia

180.7700, 25.2564, -74.3433

Trichromacy



Original Color

174.5350, 8.1172, -83.7842



Protanomaly

188.7380, -2.8288, -26.0802



Deuteranomaly

189.8510, 2.5385, -20.9173



Tritanomaly

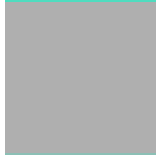
178.4400, 19.0101, -77.5619

Monochromacy



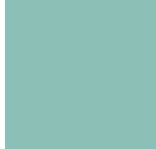
Original Color

174.5350, 8.1172, -83.7842



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.6110, 3.1498, -30.3538

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5350, 8.1172, -83.7842 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(79, 220, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 220, 191) }
```

Border

The CSS property to change the border of an element to YUV 174.5350, 8.1172, -83.7842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 220, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(79, 220, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(79, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(79, 220,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 174.5350, 8.1172, -83.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 220, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 220,  
191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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